

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
INCEP.017AAPPLICATION NO.
10/036957INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(SEE SEVERAL SHEETS IF NECESSARY)

APPLICANT
DiBene II, et al.FILING DATE
December 20, 2001GROUP
2835

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
TD	1	5,413,489	05/09/95	Switky, Andrew	I	I	I
TD	2	5,770,891	06/23/98	Frankeny, et al.	I	I	I
TD	3	6,226,179	05/01/01	Lee, Sung-Bae	I	I	I

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
TD	4	EP 0 582 145 A1	02/09/94	EPO	I	I	I	I
	5	EP 0 910 235 A1	04/21/99	EPO	I	I	I	I
	6	EP 0 920 055 A2	06/02/99	EPO	I	I	I	I
	7	JP 03041753	02/22/91	Japan	I	I	I	I
	8	JP 08204304	08/09/96	Japan	I	I	I	I
	9	JP 08330699	12/13/96	Japan	I	I	I	I
TD	10	JP 1174427	07/11/89	Japan	I	I	I	I

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

TD	11	Chung, "Ball-Grid-Array Package Thermal Management," 14th IEEE Semi-therm TM Symposium, 1998, 78-87
TD	12	XP000124263, IBM Tech Disc Bulletin, "Multiple Electronic Board.... System," 1994, 33(3B):55-56
TD	13	IBM Corp. Technical Disclosure Bulletin, "Pin Fin Array Heat Pipe Apparatus," September 1994, Vol. 37, No. 9, 1pp.

EXAMINER

Tuan Dinh

DATE CONSIDERED

3-5-04

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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							YES	NO
TJ	14	JP 57066854	04/22/82	Japan	T	T	T	T
	15	JP 58175851	10/15/83	Japan				
	16	WO 01/65344	09/07/01	PCT				
	17	WO 01/67512	09/13/01	PCT				
	18	WO 01/06821 A1	01/25/01	PCT				
	19	WO 01/33927 A1	05/10/01	PCT				
TJ	20	WO 96/23397	08/01/96	PCT	T	T	T	T

EXAMINER
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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Tuan Binh

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3-5-04

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